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PTO/SB/21 (08-00)  
Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/809.812
	Filing Date	March 26, 2004
	First Named Inventor	Kunihiko KANAI
	Examiner Name	Not Yet Assigned
	Group Art Unit	Not Yet Assigned
Total Number of Pages in This Submission	<b>23</b>	Attorney Docket No. 524642002200

ENCLOSURES (check all that apply)				
<input checked="" type="checkbox"/> Fee Transmittal Form  <input type="checkbox"/> Fee Attached  <input type="checkbox"/> Amendment/Reply  <input type="checkbox"/> After Final  <input type="checkbox"/> Affidavits/declaration(s)  <input type="checkbox"/> Extension of Time Request  <input type="checkbox"/> Express Abandonment Request  <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s)  <input type="checkbox"/> Response to Missing Parts/Incomplete Application  <input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input checked="" type="checkbox"/> Assignment Papers (for an Application)  <input type="checkbox"/> Drawing(s)  <input type="checkbox"/> Licensing-related Papers  <input type="checkbox"/> Petition  <input type="checkbox"/> Petition to Convert to a Provisional Application  <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address  <input type="checkbox"/> Terminal Disclaimer  <input type="checkbox"/> Request for Refund  <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group  <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences  <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)  <input type="checkbox"/> Proprietary Information  <input type="checkbox"/> Status Letter  <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below)  Declaration and Power of Attorney; Copy of Notice to File Missing Parts; Corrected Application Data Sheet		
<table border="1"><tr><td>Remarks</td><td>Applicant respectfully traverses the Notice to File Missing Parts to the extent it requires a substitute specification. There are no embedded figures or charts in the specification of this application as filed, so it is not possible to comply with the Notice to that extent. Applicant respectfully suggests that this part of the Notice must refer to another application.</td></tr></table>			Remarks	Applicant respectfully traverses the Notice to File Missing Parts to the extent it requires a substitute specification. There are no embedded figures or charts in the specification of this application as filed, so it is not possible to comply with the Notice to that extent. Applicant respectfully suggests that this part of the Notice must refer to another application.
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual Name	MORRISON & FOERSTER LLP Barry E. Bretschneider -28,055
Signature	
Date	December 13, 2004

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Effective on 12/08/2004.  
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).**FEE TRANSMITTAL  
for FY 2005**☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 2120.00**Complete if Known**

Application Number	10/809,812
Filing Date	March 26, 2004
First Named Inventor	Kunihiko KANAI
Examiner Name	Not Yet Assigned
Art Unit	Not Yet Assigned
Attorney Docket No.	524642002200

**METHOD OF PAYMENT** (check all that apply)☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_☒ Deposit Account Deposit Account Number: 03-1952 Deposit Account Name: Morrison & Foerster LLP  
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s) ☒ Credit any overpayments  
under 37 CFR 1.16 and 1.17**WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	FEE (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	1000.00
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Small Entity	
	Fee (\$)	Fee (\$)
Each claim over 20 or, for Reissues, each claim over 20 and more than in the original patent	50	25
Each independent claim over 3 or, for Reissues, each independent claim more than in the original patent	200	100
Multiple dependent claims	360	180
<b>Total Claims</b>		
24	-20 or HP	4
<b>Extra Claims</b>		
4	x	50.00
<b>Fee (\$)</b>		
50.00	=	200.00
<b>Fee Paid (\$)</b>		
200.00		
<b>Multiple Dependent Claims</b>		
<b>Fee (\$)</b>		
300.00		
<b>Fee Paid (\$)</b>		
300.00		

HP + highest number of total claims paid for, if greater than 20

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
4	-3 or HP	1	200.00
	x	200.00	200.00

HP + highest number of independent claims paid for, if greater than 3

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper, the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or reaction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
136	- 100 =	36 / 50 =	1 (round up to a whole number) x	250.00
				250.00

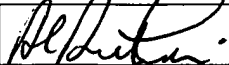
**4. OTHER FEE(S)**

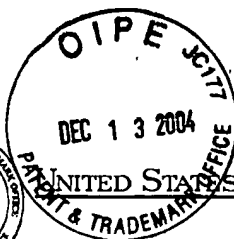
Non-English Specification, \$130 fee (no small entity discount)

Other: 1051 Surcharge-Late oath or declaration (130.00) and 8021 Recording of Assignment (40.00)

170.00

**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent)	28,055	Telephone	703-760-7743
Name (Print/Type)	Barry E. Bretschneider			Date	12/13/04



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/809,812	03/26/2004	Kunihiko Kanai	524642002200

CONFIRMATION NO. 7944

## FORMALITIES LETTER



\*OC000000014068235\*

Barry E. Bretschneider  
Morrison & Foerster LLP  
Suite 300  
1650 Tysons Boulevard  
McLean, VA 22102

Date Mailed: 10/13/2004

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b) 12/14/2004 NNGUYEN1 00000077 031952 10809812

## Filing Date Granted

01 FC:1001	790.00 DA
02 FC:1201	200.00 DA
03 FC:1202	200.00 DA
04 FC:1203	360.00 DA
05 FC:1053	130.00 DA

Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 790 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The application was filed in a language other than English. Applicant is required to provide an English translation of the specification and a statement that the translation is accurate. (See 37 CFR 1.52(d)).
- Applicant must file an English translation of the application, the \$ 130 fee set forth in 37 CFR 1.17(i), unless previously submitted, and a statement that the translation is accurate (37 CFR 1.52(d)).

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- A substitute specification in compliance with 37 CFR 1.52, 1.121(b)(3), and 1.125, is required. The specification, claims, or abstract page(s) submitted is not acceptable and cannot be scanned or properly stored because:
  - The specification contains drawings or flow diagrams (37 CFR 1.58(a)) on page(s) 1-2, 4-5. Drawings or flow diagrams cannot be embedded in the specification and should

be submitted separately in accordance with 37 CFR 1.84. (Both a substitute specification and substitute drawings are required).

- The specification was submitted in multiple column format and is not suitable for electronic reproduction (see 37 CFR 1.52(a)).

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of **\$424** as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

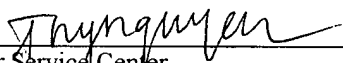
**SUMMARY OF FEES DUE:**

Total additional fee(s) required for this application is **\$1474** for a Large Entity

- **\$790** Statutory basic filing fee.
- **\$130** Late oath or declaration Surcharge.
- **\$130** for English translation surcharge required.
- Total additional claim fee(s) for this application is **\$424**
  - **\$88** for 1 independent claims over 3.
  - **\$36** for 2 total claims over 20.
  - **\$300** for multiple dependent claim surcharge.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

*A copy of this notice **MUST** be returned with the reply.*

  
\_\_\_\_\_  
Customer Service Center  
Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE